

1. (Amended) A brushless motor comprising:

a rotor with a permanent magnet having P (P is an integer not less than two) polarities; and

a stator facing said rotor and having a plurality of coils,

wherein any one of the coils has isosceles sides interlinking with a magnetic field generated by the polarities extension lines of the isosceles sides extending along centers of winding-bundles of the coil, crossing each other at a shaft center and having a vertex angle of $360/P$ degree.

4. (Amended) The brushless motor as defined in Claim 3,

wherein the coils adjacent to each other are spaced out at intervals of $(360/P) \times (5/3)$ degree.

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